

WDR42A (QS-5): sc-100898

BACKGROUND

WD-repeats are motifs that are found in a variety of proteins and are characterized by a conserved core of 40-60 amino acids that commonly form a tertiary propeller structure. While proteins that contain WD-repeats participate in a wide range of cellular functions, they are generally involved in regulatory mechanisms concerning chromatin assembly, cell cycle control, signal transduction, RNA processing, apoptosis and vesicular trafficking. WDR42A (WD repeat-containing protein 42A), also known as H326, is a 597 amino acid protein that contains seven WD-repeats and may be involved in signaling networks throughout the cell. Due to alternative splicing events, two isoforms of WDR42A are expressed.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: WDR42A (human) mapping to 1q23.2.

SOURCE

WDR42A (QS-5) is a mouse monoclonal antibody raised against recombinant WDR42A of human origin.

PRODUCT

Each vial contains 200 μ l ascites containing IgM with < 0.1% sodium azide.

APPLICATIONS

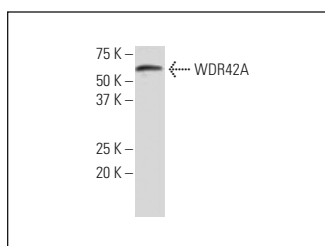
WDR42A (QS-5) is recommended for detection of WDR42A of human origin by Western Blotting (starting dilution to be determined by researcher, dilution range 1:100-1:5000), immunoprecipitation [1-2 μ l per 100-500 μ g of total protein (1 ml of cell lysate)] and solid phase ELISA (starting dilution to be determined by researcher, dilution range 1:100-1:5000).

Suitable for use as control antibody for WDR42A siRNA (h): sc-78696, WDR42A shRNA Plasmid (h): sc-78696-SH and WDR42A shRNA (h) Lentiviral Particles: sc-78696-V.

Molecular Weight of WDR42A: 67 kDa.

Positive Controls: A549 cell lysate: sc-2413.

DATA



WDR42A (QS-5): sc-100898. Western blot analysis of WDR42A expression in A549 whole cell lysate.

STORAGE

For immediate and continuous use, store at 4° C for up to one month. For sporadic use, freeze in working aliquots in order to avoid repeated freeze/thaw cycles. If turbidity is evident upon prolonged storage, clarify solution by centrifugation.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.